SEQUENCE LISTING

<110> Medizinische Hochschule Hannover

<120> Adapter for coupling a substance to be coupled to a cell surface

<130> MA 7394-01DE

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> human coxsackie Adenovirus Receptor (hCAR) 5'-Primer

<220>

<221> misc_recomb

<222> (3)..(8)

<223> KpnI restriction site

<220>

<221> misc_feature

<222> (9)..(11)

<223> translation start codon of hCAR

<400> 1
gtggtaccat ggcgctcctg ctgtgcttcg tgc 33

<210> 2

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> human coxsackie Adenovirus Receptor (hCAR) 3'-Primer

<220>

<221> misc_recomb

<222> (3)..(10)

<223> NotI restriction site

<220>

<221> misc_feature

<222> (11)..(42)

<223> complementary bases, corresponding to bases 776 to 807 of hCAR (accession no. NM 001338)

<400> 2
tagcggccgc ctttatttga aggagggaca acgtttagac gc 42

<210> 3

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> 5'-PCR primer for HIV tat basic region

<220>

<221> misc_feature

<222> (36)..(65)

<223> "sense" oligonucleotide, corresponding to bases nos. 5518-5547 of the HIV genome (accession no. NC 001802)

<220>

<221> misc_recomb

<222> (4)..(11)

<223> NotI restriction site

<220>

<221> misc_recomb

<222> (68)..(73)

<223> XbaI restriction site

<400> 3

aaagcggccg cggaggagga agtggaggag gaggaggcag gaagaagcgg agacagcgac 60

gaagaggtct agaaa 75

<210> 4

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> basic region of HIV tat protein

<400> 4

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 5

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> 3'-PCR primer for HIV tat basic region

<220>

<221> misc_feature

<222> (1)..(75)

<223> complementary to pCAR(ex)TAT48-57 5'

<400> 5

tttctagacc tcttcgtcgc tgtctccgct tcttcctgcc tcctcctcct ccacttcctc 60

ctccgcggcc gcttt 75

<210> 6

<211> 72

<212> DNA

<213> Artificial Sequence

<220>

<223> 5'-PCR primer for 9 Arg peptide

<220>

<221> misc_recomb

<222> (4)..(11)

<223> NotI restriction site

<220>

<221> misc_recomb

<222> (65)..(70)

<223> XbaI restriction site

<220>

<221> CDS

<222> (36)..(62)

<223> oding for 9 Arg ("RRRRRRRRR")

<400> 6

aaagcggccg cggaggagga agtggaggag gagga cgt cgc cga cgg aga agg 53
Arg Arg Arg Arg Arg Arg
1 5

aga cgt aga ggtctagaaa 72
Arg Arg Arg

<210> 7

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> 5'-PCR primer for 9 Arg peptide

<400> 7

Arg Arg Arg Arg Arg Arg Arg Arg Arg
1 5

<210> 8

<211> 72

<212> DNA

<213> Artificial Sequence

<220>

<223> 3'-PCR primer for 9 Arg peptide

<220>

<221> misc_feature

<222> (1)..(72)

<223> complementary to pCAR(ex)-9xArg 5'

<400> 8
tttctagacc tctacgtctc cttctccgtc ggcgacgtcc tcctcctcca cttcctcctc 60

cgcggccgct tt 72

<210> 9

<211> 80

<212> DNA

<213> Artificial Sequence

<220>

<223> 5'-PCR primer for antennapedia homoeobox-protein fragment

<220>

<221> misc_recomb

<222> (3)..(10)

<223> NotI restriction site

<220>

<221> misc_recomb

<222> (73)..(78)

<223> XbaI restriction site

<220>

<221> misc_feature

<222> (23)..(70)

<223> partial coding sequence of Euprymna scolopes antennapedia homoeodomain protein (accession no.: AY052758), coding for amino acids 62-77

<400> 9

aagcggccgc ggaggaggag gaagacagat caaaatatgg ttccaaaacc ggcgcatgaa 60

atggaagaaa ggtctagaaa 80

<210> 10

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> antennapedia homoeobox protein fragment from Euprymna scolopes

<400> 10

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1 5 10 15

<210> 11

<211> 80

<212> DNA

<213> Artificial Sequence

<220>

<223> 3'-PCR primer for antennapedia homoeobox-protein fragment

<220>

<221> misc_feature

<222> (1)..(80)

<223> complementary to pCAR(ex)-AntP62-77 5'

<400> 11

tttctagacc tttcttccat ttcatgcgcc ggttttggaa ccatattttg atctgtcttc 60

ctcctcctcc gcggccgctt 80